How to create a dump of MySQL database in one click

Your users probably asked you to add an option to export the whole database to SQL file. This can be done in phpMyAdmin or Navicat of course but your users want something simpler than that.

Create a new file named backup.php and paste the following code snippet there. Edit database connection settings and path to mysqldump if required. Add a link to backup.php to your application:

```
1   <a href="backup.php">Export the whole database</a>
```

Please note that this script requires write permissions on scripts folder in order to save dump to file and zip it. If your scripts do not have such permissions use the second version of script. The only downside is that dump file won't be zipped.

Version with zipping. Requires write permissions on scripts folder.

```
1   <?php
2
3   $username = "root";
4   $password = "";
5   $hostname = "localhost";
6   $dbname   = "cars";
7
8   // if mysqldump is on the system path you do not need to specify the full path
9   // simply use "mysqldump --add-drop-table ..." in this case
10  $dumpfname = $dbname . "_" . date("Y-m-d_H-i-s").".sql";
11  $command = "C:\\xampp\\mysql\\bin\\mysqldump --add-drop-table --host=$hostname
12      --user=$username ";
13  if ($password)
14          $command.= "--password=". $password ." ";
15  $command.= $dbname;
16  $command.= " > " . $dumpfname;
17  system($command);
18
19  // zip the dump file
20  $zipfname = $dbname . "_" . date("Y-m-d_H-i-s").".zip";
21  $zip = new ZipArchive();
22  if($zip->open($zipfname,ZIPARCHIVE::CREATE))
23  {
24      $zip->addFile($dumpfname,$dumpfname);
25      $zip->close();
26  }
27
28  // read zip file and send it to standard output
29  if (file_exists($zipfname)) {
30      header('Content-Description: File Transfer');
31      header('Content-Type: application/octet-stream');
32      header('Content-Disposition: attachment; filename='.basename($zipfname));
33      flush();
34      readfile($zipfname);
35      exit;
36  }
37  ?>
```

Version without zipping. Write permissions are not required.

```
1   <?php
2   ob_start();
3
4   $username = "root";
5   $password = "";
6   $hostname = "localhost";
7   $dbname   = "cars";
8
9   // if mysqldump is on the system path you do not need to specify the full path
10  // simply use "mysqldump --add-drop-table ..." in this case
11  $command = "C:\\xampp\\mysql\\bin\\mysqldump --add-drop-table --host=$hostname
12      --user=$username ";
13  if ($password)
14          $command.= "--password=". $password ." ";
15  $command.= $dbname;
16  system($command);
17
18  $dump = ob_get_contents();
19  ob_end_clean();
20
21  // send dump file to the output
22  header('Content-Description: File Transfer');
23  header('Content-Type: application/octet-stream');
24  header('Content-Disposition: attachment; filename='.basename($dbname . "_" .
25      date("Y-m-d_H-i-s").".sql"));
26  flush();
27  echo $dump;
28  exit();;]]>
```

29 | ?>

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